

# BOMAR

## CERTIFICATE OF ANALYSIS

**PRODUCT NAME: MEADOWFOAM SEED OIL, REFINED**

**Bomar Batch Number: P0806** (LOT NUMBER: LOT0010089)

PRODUCT INCI: LIMNANTHES ALBA (MEADOWFOAM) SEED OIL

PRODUCT CODE: K0290

CAS NUMBER: 169-107-13-5 / 153065-40-8

EINECS NUMBER: 604-884-4

MANUFACTURING METHOD: COLD PRESSED & REFINED

MANUFACTURING DATE: 25/01/2021

BEST BEFORE DATE: 25/01/2023

ANALYTICAL DETAILS	RANGE %	RESULTS
APPEARANCE	CLEAR - LIGHT YELLOW - GOLDEN OILY LIQUID	-
COLOUR LOVIBOND (5¼" CELL)	<15Y, <1.5R	-
GARDNER	<4.0	1.7
ODOUR	ODOURLESS	-
SPECIFIC GRAVITY @ 20°C	0.920 – 0.930	0.921
REFRACTIVE INDEX @ 20°C	1.465 – 1.480	1.4716
SAPONIFICATION VALUE	164.0 – 176.0	166.73
UNSATURATED MATTER	<1.0	0.19
FREE FATTY ACID (% AS OLEIC)	<0.05	0.02
PEROXIDE VALUE	<10.0	0.30
IODINE VALUE	89 - 96	-
ACID VALUE	<0.1	-

FATTY ACID PROFILE		RANGE %	RESULTS
<b>C-CHAIN</b>	<b>ACID NAME</b>		
C20:1	DELTA 5	58.0– 64.0	62.3
C22:1	DELTA 5	3.0 - 6.0	4.2
C22:1	DELTA 13	10.0 – 14.0	12.2
C22:2	DELTA 5 & 13	15.0 – 21.0	17.5

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